

Kindly add new claims 18-35 as follows.

Sol B

18. (New) A pressure and temperature reactor vessel comprising:
a block defining plural openings that are closed at one end of said plural openings and are open at another end of said plural openings;
a closure member to seal said plural openings in a pressure tight manner at said another end of said plural openings; and
a locking device to force said closure member against said block such that said closure member seals said plural openings in a pressure tight manner at said another end of said plural openings, whereby the sealed plural openings define plural reaction chambers.

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19. (New) The pressure and temperature reactor vessel according to claim 18, wherein said closure member comprises a cover member and a seal member, with said seal member being constructed and arranged to be positioned between said cover member and said block such that said locking device is to force said closure member against said block by applying a force against said cover member such that said seal member is forced against said block.

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20. (New) The pressure and temperature reactor vessel according to claim 19, wherein said plural openings comprise perforations that extend completely through said block.

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21. (New) The pressure and temperature reactor vessel according to claim 20, further comprising another closure member to seal said perforations in a pressure tight manner at said one end of said plural openings, whereby said plural openings are closed at said one end of said plural openings by virtue of said another closure member sealing said perforations,

wherein said locking device comprises plural fasteners passing through holes extending through said cover member, through said block and through said another closure member.

5 22. (New) The pressure and temperature reactor vessel according to claim 19, wherein
said seal member comprises a compressible or deformable material.

6 23. (New) The pressure and temperature reactor vessel according to claim 19, wherein
said block comprises a compressible or deformable material.

7 24. (New) The pressure and temperature reactor vessel according to claim 19, wherein
said seal member is fixed to said cover member.

8 25. (New) The pressure and temperature reactor vessel according to claim 19, wherein
said seal member comprises plural spherically-shaped bodies fixed to said cover member and facing
said another end of said plural openings.

9 26. (New) The pressure and temperature reactor vessel according to claim 19, wherein
said seal member comprises plural spherically-shaped bodies that are not fixed to said cover member
and face said another end of said plural openings.

10 27. (New) The pressure and temperature reactor vessel according to claim 19, wherein
said seal member comprises plural circular disk-shaped bodies that are fixed to said cover member.

11 28. (New) The pressure and temperature reactor vessel according to claim 19, wherein
said seal member comprises plural circular disk-shaped bodies that are not fixed to said cover
member.

12 29. (New) The pressure and temperature reactor vessel according to claim 19, wherein
said seal member comprises a membrane that covers said plural openings and is fixed to said cover
member.

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30. (New) The pressure and temperature reactor vessel according to claim 19, wherein said seal member comprises a membrane that covers said plural openings and is not fixed to said cover member.

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31. (New) The pressure and temperature reactor vessel according to claim 19, wherein a single said closure member is provided.

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32. (New) The pressure and temperature reactor vessel according to claim 19, wherein said cover member comprises a rigid plate.

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33. (New) The pressure and temperature reactor vessel according to claim 19, wherein said plural openings each have a width-wise dimension, and said block includes plural protruding profiles each with a width-wise dimension that is greater than a corresponding width-wise dimension of said plural openings, with said plural protruding profiles each being of a cross-sectional shape such that when said locking device applies the force against said cover member said seal member is forced against said plural protruding profiles such that a pressure tight seal is formed over and around each of said plural openings.

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34. (New) The pressure and temperature reactor vessel according to claim 18, wherein said closure member includes plural spherically-shaped protrusions facing said another end of said plural openings.

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35. (New) The pressure and temperature reactor vessel according to claim 18, wherein said plural openings each have a width-wise dimension, and said closure member includes plural protrusions each with a width-wise dimension that is greater than a corresponding width-wise dimension of said plural openings, with said plural protrusions each being of a cross-sectional shape such that when said locking device forces said closure member against said block a pressure tight seal is formed over and around each of said plural openings.